

ABSTRACT OF THE DISCLOSURE

An apparatus for detecting a coplanarity of a plurality of leads of an electronic component that laterally extend from a main body thereof, including a holding device which holds the main body of the electronic component at an upper surface of the main body, an image taking device which faces the electronic component held by the holding device and has an optical axis that is inclined by a predetermined angle relative to a plane containing a bottom surface of the main body such that in a direction from the image taking device toward the main body, the optical axis goes down in a direction from the upper surface to the bottom surface, a background forming device which is provided on one of opposite sides of the electronic component that is opposite to the other side thereof on which the image taking device is provided, and which forms a background having an optical characteristic different from an optical characteristic of the leads, and an image processing device which processes an image of respective end portions of the leads taken by the image taking device and thereby determines the coplanarity of the leads.